

In the Claims

Please cancel claims 2, 4, 7, 9, 11, 14, 16, 18 and 21 without prejudice or disclaimer to their underlying subject matter.

Please amend claims 1, 3, 5, 6, 8, 10, 12, 13, 15, 17, 19 and 20 as set forth below:

1. (Currently Amended) An electron gun comprised of a cathode that has an electron emission surface and a first grid that has a beam hole, wherein  
said electron emission surface and said beam hole being arranged opposite to each other,  
and

the area opposite said beam hole within said electron emission surface being in closest proximity to said first grid;

wherein said area opposite said beam hole within said electron emission surface is a convex surface and is a convex surface to said first grid; and

an electron beam emission from the emission surface is a converging trajectory.

2. (Cancelled)

3. (Currently Amended) An electron gun as set forth in claim 1, wherein said convex surface being a surface formed by a press process.

4. (Cancelled)

5. (Currently Amended) An electron gun as set forth in claim 1, wherein said convex surface being a curved surface with a different curvature depending on the direction.

6. (Currently Amended) An electron gun as set forth in claim 1, wherein said convex surface being a paraboloid.

7. (Cancelled)

8. (Currently Amended) A cathode ray tube equipped with an electron gun, wherein  
said electron gun having a cathode that has an electron emission surface and a first grid that has a beam hole and said electron emission surface and said beam hole being arranged opposite to each other and

the area opposite said beam hole within said electron emission surface being in closest proximity to said first grid.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

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9. (Cancelled)

10. (Currently Amended) A cathode ray tube as set forth in claim 8, wherein said convex surface being a surface formed by a press process.

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11. (Cancelled)

12. (Currently Amended) A cathode ray tube as set forth in claim 8, wherein said convex surface being a curved surface with a different curvature depending on the direction.

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13. (Currently Amended) A cathode ray tube as set forth in claim 8, wherein said convex surface being a paraboloid.

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14. (Cancelled)

15. (Currently Amended) An image display device equipped with a cathode ray tube, wherein

said cathode ray tube being equipped with an electron gun,

said electron gun being comprised of a cathode that has an electron emission surface and a first grid that has a beam hole and said electron emission surface and said beam hole being arranged opposite to each other and

the area opposite said beam hole within said electron emission surface being in closest proximity to said first grid;

wherein the area opposite said beam hole is a center area of said electron emission surface and is a convex surface to said first grid; and

wherein an electron beam emitted from the emission surface has a converging trajectory;

16. (Cancelled)

17. (Currently Amended) A display device as set forth in claim 15, wherein said convex surface being a surface formed by a press process.

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18. (Cancelled)

19. (Currently Amended) A display device as set forth in claim 15, wherein said convex surface being a curved surface with a different curvature depending on the direction.

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20. (Currently Amended) A display device as set forth in claim 15, wherein said convex surface being a paraboloid.

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21. (Cancelled)